

Patent Abstracts of Japan

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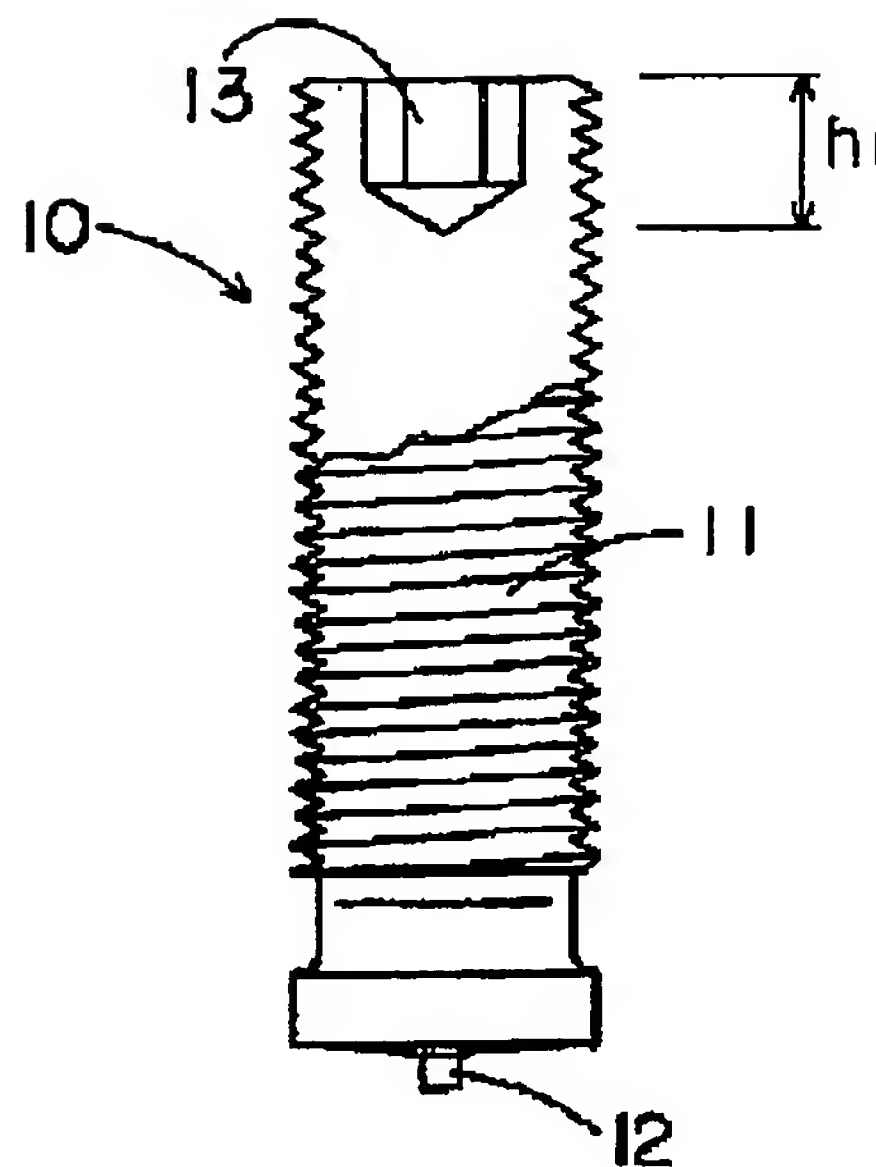
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TITLE : STUD BOLT



ABSTRACT : PROBLEM TO BE SOLVED: To provide a stud bolt that facilitates a torque test and that prevents defective products from generating as little as possible.

SOLUTION: In a stud bolt 10 where a male screw is formed in a bolt main body 11 and which is equipped with a projection 12 for electrical discharge in the bottom, a hexagonal hole 13 which is a non-circular linear recess is provided making the axial center coincide with the tip of the bolt body 11. The size of this hexagonal hole 13 is made to about 1/2 to 3/4 of the diameter of the bolt body 11 and the depth h_1 is made to nearly the same size as the hexagonal hole 13. Consequently, in the case of using this stud bolt 10, after the stud bolt 10 is mounted on a stud jig (usually called as a gun) for discharging a capacitor, discharging is performed at a prescribed voltage by pressing a projection 12 against an object, the stud bolt 10 is fixedly welded to the object.

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